

Dominion East Ohio hosts: ...

Combined Heat and Power and Waste Heat to Power for Industrial, Institutional, and Commercial Facilities

September 29, 2016 - Cleveland, OH

Overview

Combined Heat and Power (CHP), sometimes referred to as cogeneration, provides an opportunity to generate on-site electric power and useful thermal energy from a single fuel source. Similarly, **Waste Heat to Power (WHP)** is the process of capturing heat discarded by existing process, such as kilns, furnaces, ovens, turbines, engines, and other equipment and using that heat to generate electricity. Both approaches represent a cost-effective, near-term opportunities to improve your facility's energy, environmental, and economic future.

Ohio Center for Industrial Energy Efficiency



Agenda

- **8:00 a.m. Breakfast, Registration Opens**
- **8:30 a.m. Welcome**
Tony Sutor, Ohio Development Services Agency – Office of Energy and Redevelopment
Larry Boyd, Lawrence Boyd and Associates
- **8:45 a.m. [CHP: The Concept](#)**
Cliff Haefke, US DOE Midwest CHP TAP
- **9:15 a.m. [CHP: The Business Case – Developing a CHP Project](#)**
Steven Giles, Hull & Associates, Inc.
- **9:45 a.m. [CHP Technologies – Microturbines](#)**
Glenn Powers, GEM Energy
- **10:10 a.m. [CHP Technologies – Reciprocating Engines](#)**
Kevin Abke, Ohio CAT

- **10:35 a.m. WHP Technologies**
Eric Maxeiner, Echogen
- **11:00 a.m. Break**
- **11:15 a.m. CHP: Case Studies**
 - [Case Study #1: Huntington Arena and Seagate Convention Center – Toledo, Ohio](#)
(260 kW Microturbine CHP System)
Speaker: Glenn Powers, GEM Energy
 - [Case Study #2: Medina High School – Medina, Ohio](#)
(125 kW Reciprocating Engine CHP System)
Speaker #1: Jon Burkhardt, Medina City School District
Speaker #2: David Eslinger, The Brewer-Garrett Company
 - [Case Study #3: DTE Marietta @ Solvay Specialty Polymers, Marietta, Ohio](#)
(8 MW Combustion Turbine CHP System)
Speaker #1: Alan Wanosky, Solvay Specialty Polymers
Speaker #2: Michael Larson, DTE Energy Services
- **12:30 p.m. Lunch**
- **1:15 p.m. Tour of CHP System at Dominion East Ohio Headquarters**
- **2:15 p.m. Panel: Next Steps for Project Development – Overcoming Barriers, Working with Utilities, Moving Projects Forward and Learning about Resources**
Moderator: Cliff Haefke, US DOE Midwest CHP TAP
Panelists: [Andrew Thomas, Cleveland State University](#)
Tom Bullock, The Pew Charitable Trusts
Michelle Cross, AEP Ohio
Timothy Krzywicki, Heapy Engineering
Darrell Fields, Forbes, Fields & Associates Co.
- **3:15 p.m. Closing Thoughts / Next Steps**
Cliff Haefke, US DOE Midwest CHP TAP
Tony Sutor, ODSA – Office of Energy and Redevelopment
- **3:30 p.m. Adjourn**

Location

Dominion East Ohio Headquarters
1201 E 55th Street
Cleveland, OH 44103

Registration

- Online RSVP for Registration at: <http://www.cvent.com/d/0vqk3t>

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